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PATENT & TRADEMARK OFFICE

Docket No. 34648-00453USPT
P13736US2
EMN 2000067

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants:	Georgios Karagiannis, et al.	)	Group Art Unit: Unknown
		)	
Serial No.:	09/909,331	)	Examiner:
		)	
Filed:	July 19, 2001	)	

For: DYNAMIC QoS MANAGEMENT IN DIFFERENTIATED SERVICES USING BANDWIDTH BROKERS, RSVP AGGREGATION AND LOAD CONTROL PROTOCOLS

To the Assistant Commissioner
for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231
on Sept. 28, 2001
Carol Young
Signature CAROL YOUNG

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's duty under 37 C.F.R. § 1.56 and 1.97, Applicant hereby submits the attached form PTO-1449 (modified) which lists art cited. The art listed therein, while of some relevance, is not necessarily considered to teach or suggest any aspect of the invention described and claimed in the above-identified patent application. This statement is also not to be construed as a representation that a search has, or has not, been conducted or that no better art exists. Rather, this statement discloses only the best art of which the Applicant is aware.

In considering the art set forth below, it may be noted by the Examiner that certain of the references may contain markings, underlinings or other notations. These markings or notations are

not to be construed as drawing the Examiner's attention either to selected parts or away from other parts of the references. Any such markings were either present on the copies of the references obtained by Applicant, or were made thereon during the study of the references by the Applicant and/or his attorneys.

The Examiner is respectfully requested to consider each of the cited references, indicate such consideration by initialing each reference on the enclosed Form PTO-1449 (modified) and return a copy of the same with the next communication to the Applicant. For the convenience of the Examiner in considering the references, copies of the cited references are enclosed with this communication.

Respectfully submitted,

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Reg. No. 27,072

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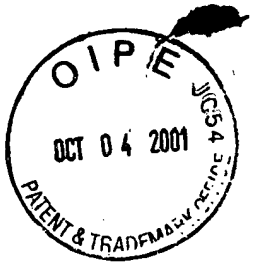

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Signature CAROL YOUNG

Re:
Applicants:	Georgios Karagiannis; et al.
Serial No.	09/909,331
Filing Date:	July 19, 2001
For:	DYNAMIC QoS MANAGEMENT IN DIFFERENTIATED SERVICES USING BANDWIDTH BROKERS, RSVP AGGREGATION AND LOAD CONTROL PROTOCOLS
Docket No.:	34648-00453USPT

Dear Sir:

Transmitted for filing with the Patent and Trademark Office are the following documents for the above-referenced patent application:

1. Information Disclosure Statement
2. Form PTO-1449
3. References C1 - C12
4. Postcard acknowledgment

Please address all communications related to this to:

Spencer C. Patterson
Jenkens & Gilchrist, P.C.
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Dallas, Texas 75202-2799

In the event there is an under or over payment, please debit or credit our Deposit Account #10-0447. This letter is being filed in duplicate to facilitate processing.

Respectfully submitted,

Rama B. Nath
Registration No. 27,072

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Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Patent Department of Commerce Patent and Trademark Office	Docket No.: 34648-00453USPT	Serial No.: 09/909,331
	Applicants: Georgios Karagiannis, et al.	
	Filing Date: July 19, 2001	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	A-1					
	A-2					

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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					Yes	No
	B-1					
	B-4					

OTHER DOCUMENTS

Examiner Initials		Author, Title, Date, Pertinent Pages, Etc.
	C-1	Bernet, Y., Binder, J., Blake, S., Carlson, M., Davies, E., Ohlman, B., Werna, D., Wang, Zh., Weiss, W., "A Framework for Differentiated Services", draft-ietf-diffserv-framework-02.txt, February 1999.
	C-2	Bernet, Y., Yavatkar, R., Ford, P., Baker, F., Zhang, L., Speer, M., Braden, R., Davis, B., felstaine, E., "Framework for Integrated Services operation over Diffserv Networks", draft-ietf-issel-diffserv-rsvp-04.txt, March 2000 (work in progress)

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	C-3	Durham, D., Yavatkar, R., "Inside the Internet's Resource reSerVation Protocol: Foundations for Quality of Service", John Willey & Sons, Inc., 1999.
	C-4	Braden, R., Clark, D., Shenker, S., "Integrated Services in the Internet Architeture: An Overview", IETF RFC1633, 1994.
	C-5	Case, J., McCloghrie, K., Rose, M., and S. Waldbusser, "Protocol Operations for Version 2 of the Simple Network Management Protocol (SYMPv2), RFC 1905, 1996.
	C-6	Braden, R. Zhang, L., Berson, S., Herzog, S., Jamin, S., "Resource Reservation Protocol (RSVP) Version 1 Functional Specification", IETF RFC 2205, 1997.
	C-7	Wroclawski, J., "The use of RSVP with IETF integrated Services", IETF RFC 2210, 1997.
	C-8	Blake, S., Black, D., Carlson, M., Davies, E., Wang, Zh., Weiss, W., "An architecture for Differentiated Services", IETF RFC 2475, 1998.
	C-9	Heinanen, J., Baker, F., Weiss, W. Wroclawski, J., "Assured Forwarding PHB group", IETF RFC 2597, 1999.
	C-10	Jacobson, V., Nichols, K., Poduri, K., "An Expedited Forwarding PHB", IETF RFC 2598, 1999.
	C-11	Nichols, K., Jacobson, V., Zang, L., "A two-bit Differentiated Services Architecture for the Internet", IETF RFC 2638, 1999.
	C-12	Durham, D., Boyle, J., Cohen, R., Herzog, S., Raja, R., Sastry, A., "The COPS (Common Open Policy Service) Protocol", IETF RFC, January 2000.

Date Examined:	**Examiner:**